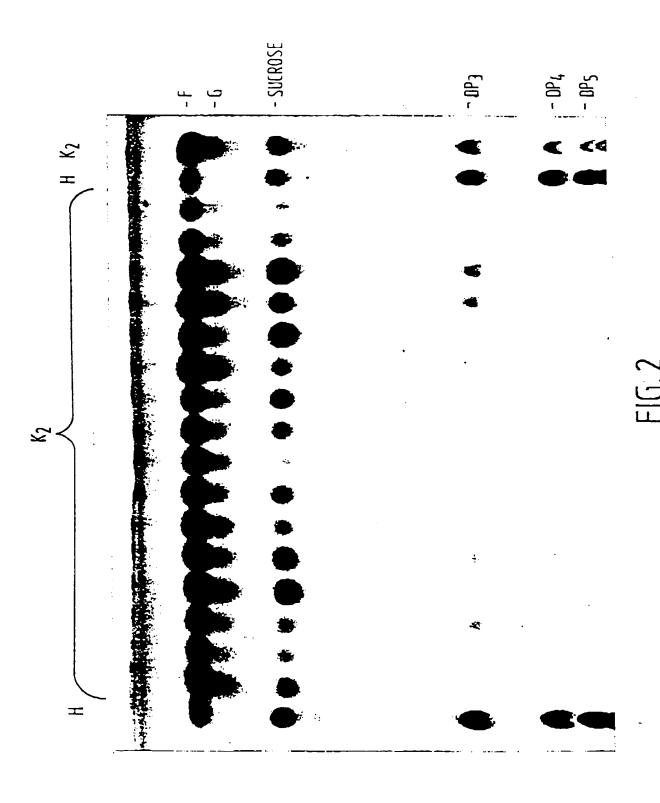


FIG. 1

Carrie Visa



SDS-PAGE VAN SST UIT UIENZAAD

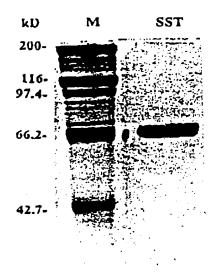


FIG.3

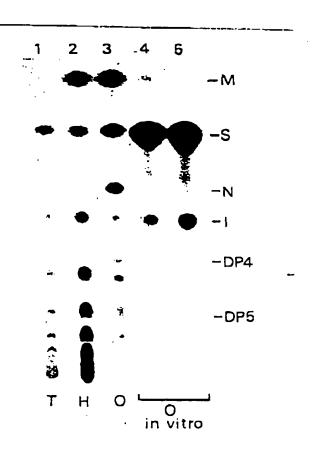


FIG. 4

Fig. 5

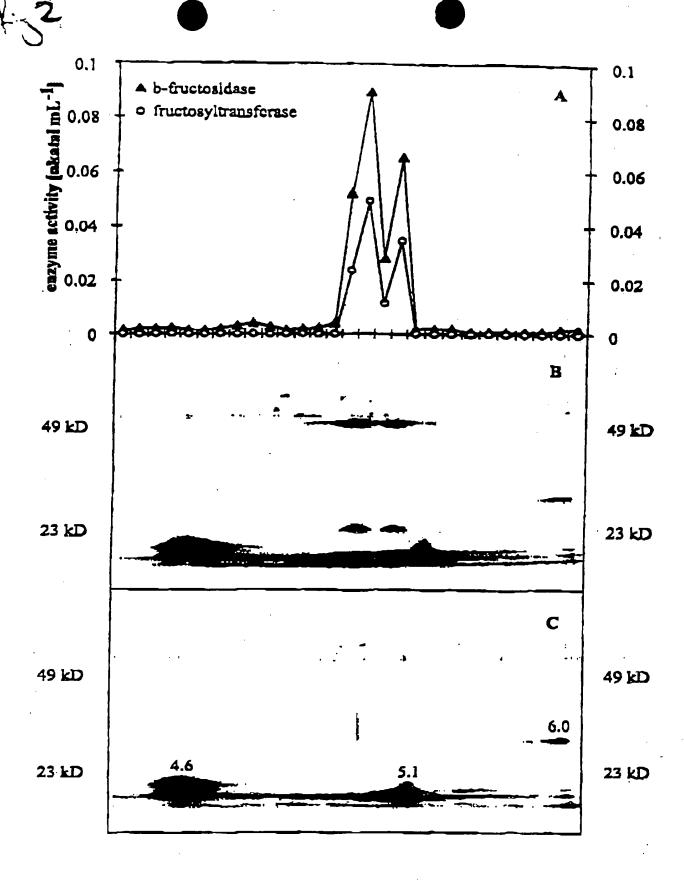
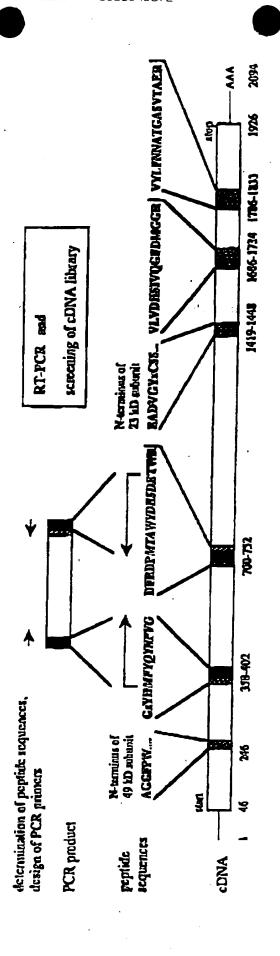


Fig. 6





Appendix

Sequence of cDNA encoding 6-SFT from barley

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AAGCCACCGCTACCGTACGCCTACAAGCCGCTGCCCTCGGACGCCGACGCTAAGCGG LysProProLeuProTyrAlaTyrLysProLeuProSarAspAlaAlaAspGlyLysArg

GTGGTGGTCGCGCACGCTCCTGGCGGGATTGAGGATGGAGGAGGCCGTCGACGAGGAG ValValValGlyAlaThrLeuLeuAlaGlyLeuArgMetGluGlnAlaValAspGluGlu

GCGGCGGCGGCGGGTTCCCGTGGAGCAACGAGATCCTGCAGTGGCAGCGCAGCGGTTACALBALBALBGlyGlyPheProTrpSerAsnGluMetLeuGlnTrpGlnArgSerGlyTyr

CATTTCCAGACGGCCAAGAACTACATGAGCGATCCCAACGGCCTGATGTATTACCGTGGA HisPhaGlnThralaLysasnTyrMetSerAspProAsnGlyLeuMetTyrTyrArgGly

 ${\tt TGGTACCACATGTTCTACCAGTACAACCCGGTGGGCACCGACTGGGACGACGGCATGGAGTYPTYPHisMetPhetyrGlnTyrAsnFrovalGlyThrAspTrpAspAspGlyMetGlu$

GCCGACCAGTGGTACGACATCCTCGGAGTCCTCTCGGGCTCCATGACGGTGCTACCCAAC AlaAspGlnTrpTyrAspIloLouGlyValLouSerGlySerMcCThrvalLouProAsn

GGGACGGTCATCATGATCTACACGGGCGCCACCAACGCCTCCGCCGTGGAGGTCCAGTGCG1yThrValileMetileTyrThrGlyAlaThrAsnalaSeralaValGluValGlnCys

ATCGCCACCCGGCCGACCCCAACGACCCCCTCCTCCGCCGGTGGACCAAGCACCCCGCCIleAlaThrProAlaAspProAsnAspProLeuLeuArgArgTrpThrLysHisProAla

AACCCCGTCATCTGGTCGCCGCCGGGGGTCGGCACCAAGGATTTCCGAGACCCGATGACC AsnProValIleTrpserProProGlyValGlyThrLysaspPheArgAspProMatThr

GCCTGGTACGACGAGTCCGACGAGACATGGCGCACCCTCCTCGGGTCCAAGGACGACCACALBTrpTyrAspGluSerAspGluThrTrpArgThrLeuLeuGlySerLysAspAspHis

GACGGCCACCACGACGCATCGCCATGATGTACAAGACCAAGGACTTCCTCAACTACGAG AspGlyHisHisAspGlyIleAlaMetMetTyrLysThrLysAspPheLeuAsnTyrGlu

CTCATCCCGGGCATCTTGCACCGGGTGGTGCGCACCGGCGAGTGGGAGTGCATCGACTTCLeuIleProGlyIleLeuHisArgValValArgThrGlyGluTrpGluCysIleAspPhe

TACCCCGTCGGCCGGAGAAGCAGCGACAACTCGTCGGAGATGCTGCACGTGTTGAAGGCG TyrProvalGlyArgArgSerSerAspAsn5erSerGlumetLeuHisValLeuLysAla

AGCATGGACGACGCACGACTACTACTCGCTGGGCACGTACGACTCGGCGGCCAAC SerMetAspAspGluArgKisAspTyrTyrSerLeuGlyThrTyrAspSerAlsAlsAsn

ACGTGGACGCCCATCGACCCGGAGCTCGACTTGGGGATCGGGCTGAGATACGACTGGGGA ThrTrpThrProlleAspProGluLeuAspLeuGlyLeGlyLeuArgTyrAspTrpGly

 $\label{thm:condition} TACGTCGGCGAGGTCGACTCCAAGCGGGCTGATGTCGTCAAGGGATGGGCTTCCATTCAGTyrValGlyGluValAspSerLysArgAlaAspValValLysGlyTrpAlaSerIleGln$

TCAGTTCCTAGGACGGTGGCTCTGGATGAGAAGACCCGGACGAACCTCCTGCTCTGGCCC SerValProArgThrValAlaLouAspGluLysThrArgThrAsnLeuLeuLeuTrpPro

GTTGAGGAGATCGAGACCCTCCGCCTCAATGCCACGGAACTGACCGACGTTACCATTAAC

ValGluGluIleGluThrLeuArgleuAsnAlaThrGluLeuThrAspValThrIleAsn

ACTGGCTCCGTCATCCCATATCCCGCTCCGCCAAGGCACTCACGCTCGACATGCGGAGGCCThrGlySerVallleHisIleProLeuArgGlnGlyThrHisAlaArgHisAlaGluAla

TCTTTCCACCTTGATGCTTCCGCCGTGGCTGCCCTCAACGAGGCCGATGTGGGCTACAAC SerPheHisLeuAspAlaSerAlaValAlaAlaLeuAsnGluAlaAspValGlyTyrAsn

CTCGCCGCCGTGACCGCCGTGGCGAGCAAACGGCGGTCTACTTCTACGTGTCTAGGGGC LeualaalaGlyaspargargGlyGluGlnThralavalTyrPheTyrValSerargGly

CTTGACGGAGGCCTCCACACCAGCTTCTGCCAAGATGAGCTGAGATCGTCACGAGCCAAG LeuaspGlyGlyLeuHisThr6erPheCysGlnAspGluLeuArgSer6erArgAlaLys

GATGTGACCAAGCGTGTCATCGGGAGCACGGTGCCGGTGCGGTGAGGCTTTGTCA
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ATGAGGGTGCTCGTGGATCACTCCATCGTGCAGGGCTTCGACATGGGCGGGAGGACCACG MetargvalleuvalAspHisSerIleValGlnGlyPheAspMetGlyGlyArgThrThr

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CACAACCAGCTCTCCAATGAGGACGATGGCATGTATCTTCATCAAGTTCTTGAATCTCGT KisasnGlnLeuserAsnGluAspAspGlyMetTyrLeuHisGlnValLeuGluSerArg

DWGK. FYASESE DWGI. FYASESE DYGI. YYASKEF DYGI. YYASKEF DYGI. YYASKEF DYGI. PYASKEF DYGI.
eVIECT DEY PVG MATECADE PVS HWECADE PVS HWECADE PVS HWECADE PVS HWECADE PVS I FREEDIFT I I FREEDIFT I OYECPGLINK P OYECPGLIN
DERDEMTRAY DERDETTANI DERDETTANI DERDETTANI AFRIDETTANI GENDETTANI AFRIDETTANI AFRIDETTANI DERDEVIEN DERDEVIEN DERDEVIEN CLRDEHYV AFRIDEHYV AFRIDEHYV AFRIDEHVI DERDEHVI AFRIDEHVI AFRIDEHVI AFRIDEHVI
ISGBATIL WIGGATIL WIGGATIL WIGGATIL FEGGRAVIL FEGGRAVD FEGGRAVVD FEGGRAV FEGGRAV
MEWGHAVS TUWGHAVS TUWGHAVS TUWGHAVS TUWGHAVS TUWGHAVS TUWGHAVS TUWGHAVS MUWGHAVS KSWİHTES KSWİHTES KSWİHTES KSWİHTES KSWİHTES KSWİHTES KYWGHAVS TYMGHAVS 15 1 IIFQL alguy, MEDENGLAY. YLGAYHMEYQYNP HFQPENNM. MEDENGPNY. XKGYTHLFYQYNP HFQPENNM. MEDENGPNY. XKGYTHLFYQYNP HFQPRGNW. MEDENGPHY. MKGNYHLFYQYNP HFQPRGNW. MEDENGPHY. YKGYTHLFYQYNP HIEPKGI. LNDFNGFY. YRGYHEFYQYNP HIEPKGI. LNDFNGFSY. PNGKFLEYGYNP HIEPKGI. LNDFNGFSY. PNGKFLEYGYNP HFCPRGW. HEDENGLAY. FEGEYHLFYQYNP HFLPEKGW. HEDENGLAY. YAGEYHLFYQYNP HFLPEKGW. HEDENGLAYDAKEGKHHLYQYNP HFLPEKGW. HEDENGLAYDAKEGKHIYYQYNP HFLYFEKGW. HEDENGLAYDAKEGKHIYYQYNP HFLYFEKGW. HEDENGLAYDAKEGKHIYYQYNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNNP HFLYFEKGW. HEDENGLAY YNYNFALLINGLYFQYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYFQYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYFQYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYFQYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYNNP HFLYFERGW. HENDENGLAY YNYNFALLINGLYNNP HFLYFYNN WANNFALLINGLYNNP HFLYFYNFALLINGLYNNP HFLYFYNN WANNFALLINGLYNNP HFLYFYNN WANNFALLINGLYNNP HFLYFYNNP HFLYFYNN WANNFALLINGLYNNP HFLYFYNN WANNFALLINGLYNNP HFLYFYNNF HFLYFYNN WANNF HFLYFYNNF HFLYFYNNF HFLYFYNN WANNF HFLYFYNN WANNF HFLYFYNN WANNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNN WANNF HFLYFYNNF HFLYFYNNF HFLYFYNNF HFLYFYNN WANNF HFLYFYNNF H
H.V. 6sft V.r. Inv D.c. Inv L.e. Inv D.c. CvInv A.s. Inv S.m. Scrb B.p. LelA B.p. LelA B.p. LelA A.n. Inv A.n. Inv A.n. Inv B.a. SacB S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl S.c. Invl

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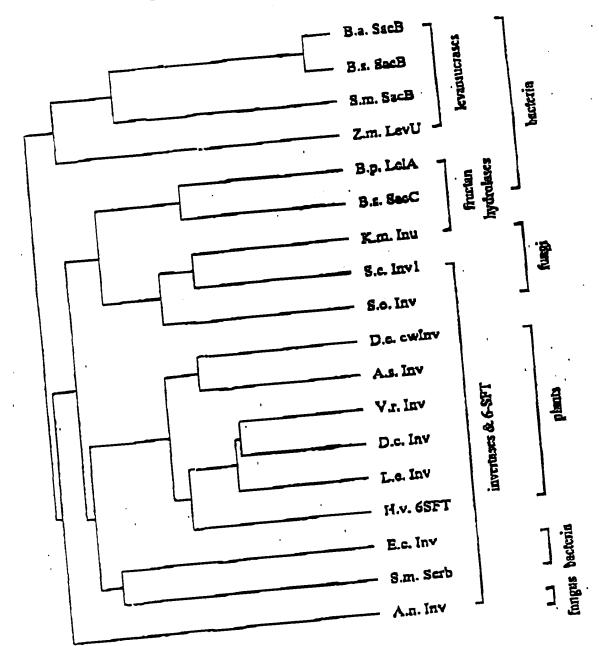
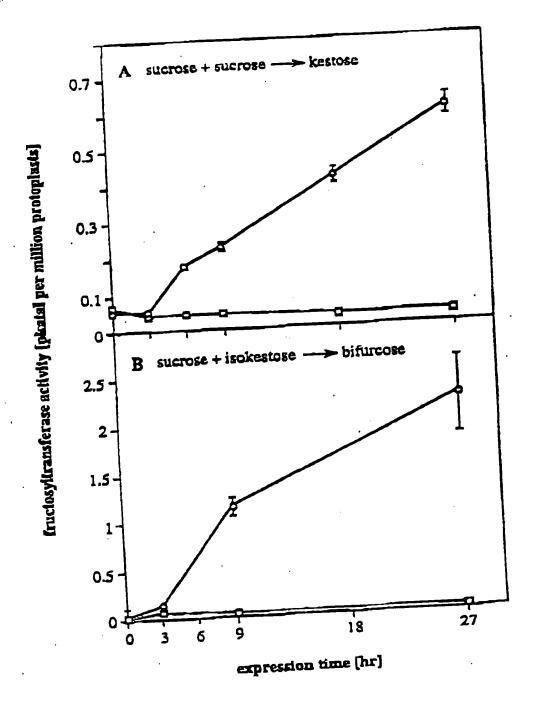


Fig. 11



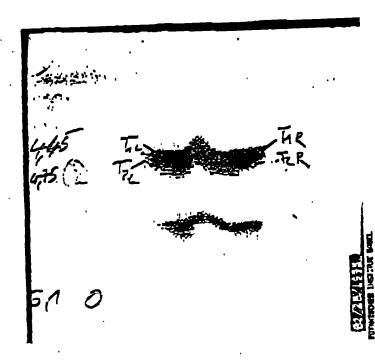


Fig. 12



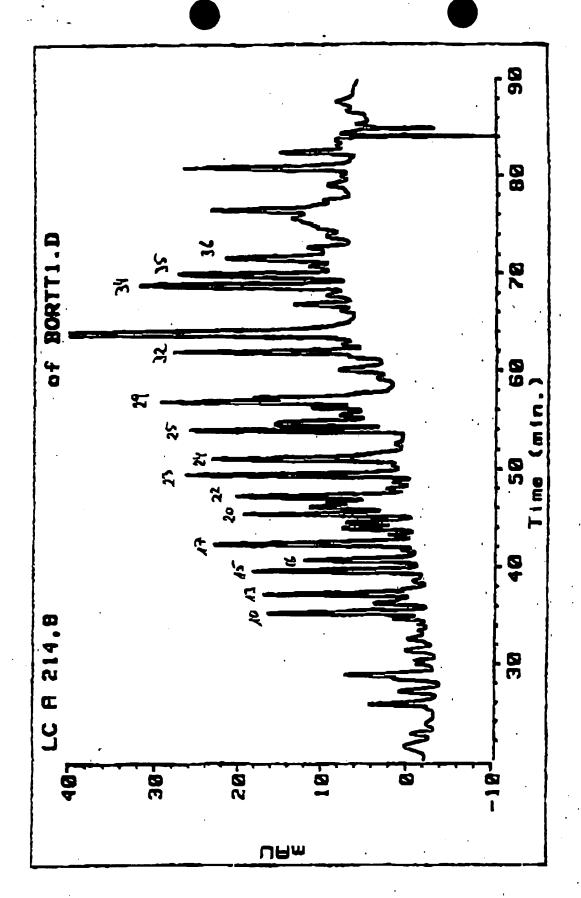


Fig. 13

